SIEMENS

RECEIVED CENTRAL FAX CENTER MÁY 3 8 2007

FACSIMILE COVER SHEET

In the UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Thomas Matschullat

Application No. 10/569,781

Atty Docket No: 2003P11654WOUS

Filed: February 24, 2006

Title: METHOD FOR PREDICTING AND CONTROLLING THE CASTABILITY

OF LIQUID STEEL

Examiner: Kuang Y. Lin

Art Unit: 1725

➡ FACSIMILE ATTN TO: KUANG Y. LIN

FAX NO.: 571-273-8300

RESPONSE TO OFFICE ACTION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22314

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being faceimile transmitted to the Patent and Trademark Office on May 30, 2007.

Ann Hickey

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

This facsimile cover sheet which includes a Certificate of Transmission under 37 CFR 1.8 (1 pg)

- PTO/SB/21 Transmittal (1 pg)

 Response to Office Action bearing "date mailed" of 02/13/2007 and Examiner's Telephone Request of May 30, 2007 (7 pgs)

Number of pages being transmitted (including this cover sheet): 9 pgs

The information contained in this facsimile message may contain attorney privileged and confidential information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us. Thank you.

Siemens Corporation

Legal and Intellectual Property Department 4400 Alafaya Trail Orlando Florida 32826

Tel: 407-736-2472 FAX: 407-736-6440

Signature

Typed or printed name

MAY 30, 2007

Date

0 2007

Approved for use through 07/31/2006, OMB 0651-0091
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control Parmiting ECEIVED AX CENTER

| | Application Number 10/569,781 | | | MIN | | |
|---|--|---------------------------------------|--------------------|--|------|--|
| TRANSMITTAL | Filing Date | Iling Date February 24 | | MA | | |
| FORM | First Named Inventor | | Thomas Matschullat | | | |
| | | Art Unit | | 1725 | | |
| to be used for ell correspondence after | Examiner Name Kuang Y. Lin | | Kuang Y. Lin | | | |
| otal Number of Pages in This Submiss | Attorney Docket No | Attorney Docket Number 2003P11654WOUS | | | | |
| - | ENCLO | SURES (check all the | t apply) | | | |
| Fee Transmittal Form | Drawing(s | | | After Allowance Communication to | o TC | |
| Fee Attached | Licensing-related Papers | | | Appeal Communication to Board of Appeals and Interferences | | |
| Amendment / Reply | Petition - | | | Appeal Communication to TC (Appeal Notice, Brief, Repty Brief) | | |
| After Final | Petition to Convert to a Provisional Application | | | Proprietary Information | | |
| Affidavits/declaration(s) | Power of Attorney, Revocation Change of Correspondence Address | | | Status Letter | | |
| Extension of Time Request | Terminal Discialmer | | | Other Enclosure(s) (please identify below): | | |
| Express Abandonment Request | Request for Refund CD, Number of CD(s) | | | Facsimile Cover Sheet Inclu a certificate of transmission under 37 CFR 1.8 | | |
| Information Disclosure Statement | Landscape Table on CD | | | ulider 37 OFK 1.0 | | |
| Certified Copy of Priority Document(s) | Remarks | | | | | |
| Reply to Missing Parts/ Incomplete Application | Response to Office Action bearing "date mailed" of 02/13/2007 and Examiner's Telephone Request of May 30, 2007 is being filed. | | | | | |
| Reply to Missing Parts under 37 CFR1.52 or 1.53 | | | | | | |
| SIG | NATURE OF | APPLICANT, ATTO | RNEY, O | R AGENT | | |
| Firm | SIEMENS | | | | | |
| Signature | More | | | | | |
| Printed Name | JOHN P. MUSONE | | | | | |
| Date | MAY 30, 2 | 007 | Reg. No. | 44,961 | | |
| | | | ION/MA | | | |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, BEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ANN HICKEY

RECEIVED
CENTRAL FAX CENTER
MAY 3 0 2007

SIEMENS

In re Application of:

PATENT Attorney Docket No. 2003P11654WOUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Title: | METHOD FOR DR | Thi | TONC AND CO | NTROLLING THE |
|-------------|-----------------------|-----|--------------|---------------|
| Filed: | 02/24/2006 | 5 | | , |
| Serial No.: | 10/569,781 |) | Examiner: | Lin, Kuang Y. |
| Inventor: | T. Matschullat et al. |) | Group Art Un | it: 1725 |

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

RESPONSE UNDER 37 CFR 1.111 AND EXAMINER'S TELEPHONE REQUEST

This paper is in response to the Office Communication dated 02/13/2007 and Examiner's Telephone Request of May 30, 2007 to re-fax the paper at no cost to Applicant.

(Please proceed to page 2.)